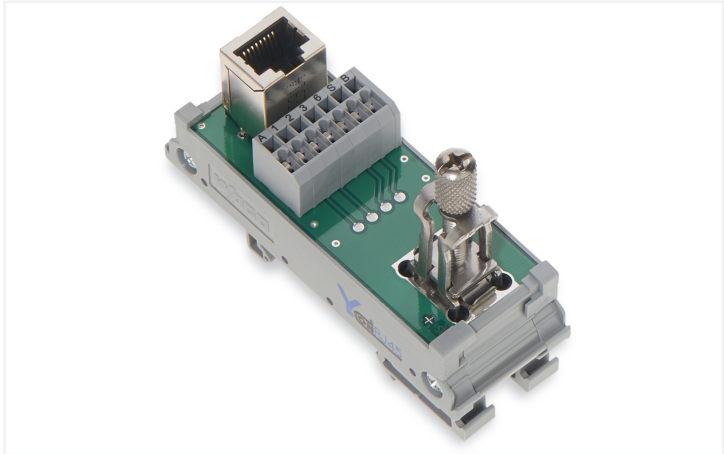
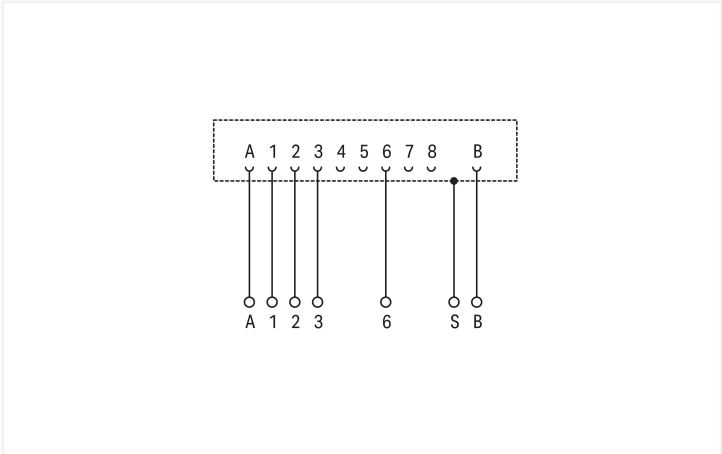


Data Sheet | Item Number: 289-178

Interface module; RJ-45; with power jumper contacts; PCB terminal blocks; Cat. 5; in mounting carrier; with shield connection; with shield clamping saddle; 1,50 mm²

<https://www.wago.com/289-178>



Electrical data	
Operating voltage	≤ 35 VAC; ≤ 50 VDC
Nominal current	2.1 A
Insulation resistance	≥ 500 MΩ
Specialty functions	With power jumper contacts With shield connection With shield clamping saddle

Safety and protection	
Dielectric strength (contact/contact) (AC, 1 min)	1 kVrms

Connection Data	
Mating cycles	1000
Transmission length (max.)	100 m
Connection Cable	Cat. 5 (min.)
WAGO shield clamping saddle	11 mm wide; cable diameter up to 8 mm

Connection 1	
Pluggable connector	Shielded RJ-45; with two additional power jumper contacts
Pole number 1	10
Connection type	System

Connection 2	
Design	PCB terminal blocks
Pole number	7
Connection type	System
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 739 Series
Solid conductor	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data		
Width		30 mm / 1.181 inches
Height		85 mm / 3.346 inches
Depth from upper-edge of DIN-rail		67 mm / 2.638 inches

Mechanical data		
Mounting type		DIN-35 rail
Housing design		Mounting carrier
Mating cycles		1000

Material data		
Fire load		0.503 MJ
Weight		51.7 g

Environmental requirements		
Ambient temperature (operation)		-40 ... +85 °C (Actuation: -35 ... +85 °C)
Ambient temperature (storage)		-40 ... +85 °C
Relative humidity		≤ 85 % (non-condensing)

Standards and Specifications		
Standards/specifications		DNV

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
PU (SPU)		10 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454326142
Customs tariff number		85366990990

Product Classification		
UNSPSC		39121402
eCl@ss 10.0		19-17-90-01
eCl@ss 9.0		19-17-90-01
ETIM 9.0		EC001121
ETIM 10.0		EC002780
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Approvals / Certificates

Approvals for marine applications



Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001D1

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 289-178



Documentation

Bid Text
289-178
19.02.2019
xml 3.82 KB
↓
289-178
09.02.2015
doc 26.00 KB
↓

Instruction Leaflet
Operation and Assembly Instructions Interface
V 1.0.0 02.04.2025
pdf 1246.19 KB
↓

CAD/CAE-Data

CAD data
2D/3D Models 289-178



CAE data
EPLAN Data Portal 289-178
↓
WSCAD Universe 289-178
↓
ZUKEN Portal 289-178
↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip



Item No.: [709-196](#)
Marking strips; for laser printer; translucent



Item No.: [709-177](#)
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: [709-178](#)
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white



1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft